

HISTORIC AMERICAN ENGINEERING RECORD
INDEX TO PHOTOGRAPHS

HAER
IND
89-RICH,
14-

Main Street Bridge
On US 40 (The National Road)
Over the east fork of the Whitewater River
0.5 miles west of US 27.
Richmond
Wayne County
Indiana

HAER No. IN-89

Photographers: All views, Camille B. Fife and
Thomas W. Salmon II, the Westerly Group, Inc.

March, 1994

- IN-89-01 ELEVATION. IMAGE TAKEN FROM THE NORTH,
 SHOWING A PORTION OF ONE OF THE ELLIPTICAL
 RING ARCHES, PARTS OF THE CENTRAL ARCH AND
 THE TWO MINOR SEMI-CIRCULAR ARCHES.
- IN-89-02 NORTH ELEVATION OF THE EASTERN RING ARCH,
 TAKEN FROM THE WHITEWATER RIVER.
- IN-89-03 CLOSE UP OF THE EASTERN ARCH OF THE BRIDGE,
 SHOWING THE RIVER AND BANK OF THE RAVINE.
- IN-89-04 ANOTHER VIEW OF THE NORTH ELEVATION OF THE
 BRIDGE SHOWING THE THREE CENTRAL ARCHES,
 WITH THE WAYNE COUNTY COURTHOUSE
 (LOCATED ON MAIN STREET, EAST OF FIRST
 STREET.) TAKEN FROM A POSITION ABOVE THE
 ROADWAY, LOOKING SOUTH, SOUTHEAST.
- IN-89-05 A PORTION OF THE SOUTH ELEVATION OF THE
 BRIDGE, SHOWING THREE OF THE SIX CROSS
 WALLS AND THE FOUR IN-FILLED SPANDRELS AT
 THE ARCH CROWN.
- IN-89-06 THE SOUTH ELEVATION, SHOWING ALL THREE
 CENTRAL ELLIPTICAL ARCHES, THEIR PIERS AND
 THE PARAPET.

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- IN-89-07 A VIEW THROUGH THE ROADWAY OF THE BRIDGE AT THE EAST PORTAL, SHOWING THE SOLID PARAPET OVER THE TWO SEMI-CIRCULAR MINOR ARCHES.
- IN-89-08 A VIEW OF THE ROADWAY AT THE WEST PORTAL OF THE BRIDGE, WITH THE COUNTY COURTHOUSE IN THE DISTANCE.
- IN-89-09 IMAGE OF THE CONCRETE PARAPET, NORTHEAST SIDE OF THE BRIDGE, WITH A 19TH CENTURY FACTORY (NOW ABANDONED) IN THE BACKGROUND. THE ELEVATED RAILROAD BRIDGE OVER US 40 IS ALSO SHOWN IN THE BACKGROUND.
- IN-89-10 A PHOTOGRAPH OF THE FIRST PIER ON THE EAST END OF THE BRIDGE (NORTH ELEVATION). IT SUPPORTS A SOLID, SEMI-CIRCULAR ARCH. CONSIDERABLE SOIL HAS WASHED IN UNDER THE BRIDGE FROM THE BANKS OF THE RAVINE.
- IN-89-11 AN IMAGE LOOKING EAST, ACROSS THE WHITEWATER RIVER, TOWARD THE CENTER LINES OF ALL THE RING ARCHES.
- IN-89-12 A VIEW SHOWING THE THREE CENTRAL RING ARCHES AND A PORTION OF A MINOR ARCH. LOOKING SOUTHWEST.
- IN-89-13 THIS PHOTOGRAPH SHOWS TWO OF THE SEMI-CIRCULAR MINOR ARCHES AND THE ABUTMENT AT THE WEST END OF THE BRIDGE. LOOKING NORTH ALONG THE ROADWAY OF THE HODGIN PARKWAY.
- IN-89-14 A PHOTO OF THE NORTH ABUTMENT, AT THE EAST END OF THE BRIDGE. THE O & M ROAD, WHICH PROVIDES ACCESS TO THE POWER SUB-STATION, CURVES TO THE RIGHT.
- IN-89-15 AN IMAGE OF THE ROADWAY, SIDEWALK AND THE CONCRETE BALUSTRADE, FROM THE EAST END OF THE BRIDGE, LOOKING WEST.

- IN-89-16 PHOTO OF TWO OF THE MINOR ARCHES AT THE BRIDGE'S WEST END, SPANNING THE SIM HODGIN PARKWAY.
- IN-89-17 A VIEW LOOKING NORTH, FROM A SUSPENDED PLATFORM, TOWARD THE CROWN OF THE WESTERNMOST RING ARCH, OVER WHITEWATER RIVER.
- IN-89-18 LOOKING NORTHEAST FROM THE ELEVATED PLATFORM, SHOWING THE TWIN REENFORCED CONCRETE RING ARCHES, THEIR SPRINGINGS AND A PORTION OF A PIER.
- IN-89-19 A VIEW TAKEN FROM UNDER THE SOUTH SIDE OF ONE OF THE ARCHES, LOOKING EAST, OF THE PARAPET, CANTILEVERED SIDEWALKS AND THE BRACKETS.
- IN-89-20 A PHOTO LOOKING WEST TOWARD THE WESTERN ABUTMENT, THE PARKWAY, AND ABOVE, THE JUNCTION OF SOUTHWEST FIRST STREET. BOTH THIS PHOTO, AND NO. 19 WERE TAKEN FROM THE ELEVATED PLATFORM.
- IN-89-21 AN IMAGE OF THE FIRST LARGE, ELLIPTICAL RING ARCH ON THE WEST END OF THE BRIDGE. THE PARKWAY PASSES BENEATH A MINOR ARCH BEYOND.
- IN-89-22 A PHOTO LOOKING STRAIGHT UP ONE OF THE PYLONS ON THE NORTH SIDE OF THE BRIDGE. NOTE THE LOSS OF ARTICULATION ON THE ARRISES AND THE DISFIGUREMENT OF THE SUNKEN ORNAMENT ON THE FACE OF THIS PIER.
- IN-89-23 DETAIL PHOTO OF A TYPICAL PIER BELT COURSE AT THE SPRING LINE OF ONE OF THE ARCHES. IT IS BEVELLED AND SUPPORTED BY A SIMPLE CAVETTO MOLDING. THE PILE OF AGGREGATE ON THE COPING HAS FALLEN FROM THE ERODING ARRISES ABOVE.

- IN-89-24 A SECTION OF OPEN BALUSTRADE AND AN INTERMEDIATE PEDESTAL (CENTERED ON A PYLON) OVER THE CENTRAL PORTIONS OF THE BRIDGE. THE WALKS ARE CONCRETE, WITH AN INTEGRAL CURB. THE ROADWAY IS ASPHALT.
- IN-89-25 A QUIRK ON THE FACING OF THE NORTHEASTERN ABUTMENT. IT HAS BEEN CAST IN PLACE, THE GHOSTS OF THE WOODEN FORMERS CAN BE SEEN. EVEN THE MITRES WITHIN THE SUNK PORTIONS OF THE CASTING ARE VISIBLE. POISON IVY AND TRUMPET VINE CLING WELL TO THE ROUGH CONCRETE.
- IN-89-26 A PHOTOGRAPH OF ONE OF THE TWO BRONZE, LOW-RELIEF COMMEMORATIVE PLACQUES WHICH ARE MOUNTED ON PEDESTALS AT THE NORTHEAST AND SOUTHWEST ENDS OF THE BRIDGE. NOTE THE PRONOUNCED PEBBLE-DASH FINISH ON THE CONCRETE WHICH WAS CREATED, IN PART, BY WASHING THE DAMP CASTINGS.
- Prints of historic drawings made from negative microfiches in the archives of the Indiana Department of Transportation, (40-SS-4410 4543)
- IN-89-27 (INDOT 001-006-009) TITLE SHEET
- IN-89-28 (INDOT 002-006-009) REPAIR DETAILS: RING ARCHES, BALUSTRADES, DECK AND RELATED DETAILS.
- IN-89-29 (INDOT 003-006-009) REPAIR DETAILS: WALLS
- IN-89-30 (INDOT 03A-006-009) PLANS OF ROADWAY, FOUNDATIONS AND SOUTH ELEVATION.
- IN-89-31 (INDOT 03B-006-009) 1/2 PLAN OF ROADWAY AND SOUTH ELEVATION, EAST END.
- IN-89-32 (INDOT 03C-006-009) 1/2 PLAN OF ROADWAY AND SOUTH ELEVATION, WEST END.
- IN-89-33 (INDOT 03D-006-009) PIER DETAILS.

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IN-89-34

(INDOT 03E-006-009) CROSS SECTIONS.

IN-89-35

(INDOT 03F-006-009) DETAILS OF PARAPET AND TWO
TYPES OF BALUSTRADES.

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